

ABSTRACT OF THE DISCLOSURE

A method and apparatus are used to provide therapy to a patient experiencing ventricular dysfunction or heart failure. At least one electrode is located in a region associated with nervous tissue, such as nerve bundles T1-T4, in a patient's body. Electrical stimulation is applied to the at least one electrode to improve the cardiac efficiency of the patient's heart. One or more predetermined physiologic parameters of the patient are monitored, and the electrical stimulation is adjusted based on the one or more predetermined physiologic parameters.